



2021 New Product Bulletin

ECONOMY MICROWAVE MOISTURE

for Large Square Balers

Introducing the most efficient, cost-effective Microwave moisture monitor for Large Square Balers with industry leading accuracy, the new Economy Microwave Moisture Sensor from Harvest Tec is the answer.

Using side-to-side, non-contact microwave moisture reading technology, the kit reads bale moisture across the width of the bale in the chamber via 1 transmitter and 1 receiver sensor. The sensors will accurately read crop moisture from 5% up to 60%.



Display Options

- Integrated thru baler display on Run screen
- Dedicated tablet



The non-contact Microwave moisture sensor has two sensors that mount at the back of Large Square bale chambers that read thru the width of the bale with every stuffer stroke, giving the operator complete visibility of crop conditions.

77E Microwave Moisture Sensor features and benefits

- Simple installation – harness from microwave to tractor cab controller
 - 25' extension harness available for baler with Staheli West steamer or Dew Simulator
- Moisture displayed thru most baler ISO displays integrating at display diagnostic plug in cab of tractor
- Low cost tablet display available for non ISOBUS balers
 - Precision Bale App is simple to use and free to download from the iTunes Store or Android Play Store
- Displays instantaneous moisture and bale average moisture when communicating thru baler ISOBUS
- Optional moisture dye marker to mark high moisture flakes above preset moisture limit

*Requirements to run Precision Bale app is iOS 10 or later for Apple devices, and Android 5 for Android devices



2021 New Product Bulletin

ECONOMY MICROWAVE MOISTURE

for Large Square Balers

The optional Moisture Dye Marker is Plug and Play with the Microwave Moisture Sensor and marks every flake that are above a set moisture with a red stripe. Stripes can be positioned on the top or side of bale. Bales are marked upon leaving the chamber allowing the operator to easily identify those above a preset moisture threshold. The food-grade dye mixes with 3 gallons of water.



Large Square on Baler Moisture Only Kit Comparison



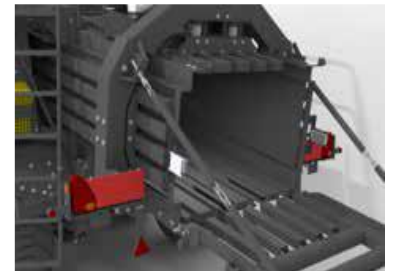
77E Economy Microwave



700 Moisture Only Star Wheels



Displayed thru Baler ISOBUS terminal	◇	◇
Optional tablet display	◇	◇
Accurately reads artificial steam moisture	◇	
Averages moisture of individual flakes	◇	
+/- 1% accuracy up to 30% moisture	◇	◇
Compatible w/ HT740DM Moisture Dye Marker	◇	◇
Mounted at rear of bale chamber	◇	
Mounted at front of bale chamber		◇
Upgradeable to automatic applicator		◇



Part Numbers

Large Square Balers

77E – Economy Microwave Sensor for large square balers

- Models – AGCO/MF/Challenger 21/2200 series, 2370UHD – integrates into baler monitor
- Models – Case IH 334, 434, 436HD. New Holland 230, 330, 340, 340HD, 1270, 1290, 1290HD – integrates into baler monitor
- Models – Krone models equipped with CCi1200 monitor – integrates as split screen feature
- Models – All other large square balers – utilize separate tablet (not included) with FREE Precision Bale App
 - Some rear bracket modifications may be required

Accessories

- 740DM – Moisture Dye Marker Accessory.
- 0800 – Red Dye package for Dye Marker Kit. Mixes with water.
- 006-7640FMX – 25' extension harness for Staheli West steamer
- 1670DK – Field Ready Android tablet with Precision Bale App preloaded